



Procedures/Diagnostic Tests

Warren Grant Magnuson Clinical Center
National Institutes of Health

GnRH Stimulation Test

You are scheduled to have a gonadotropin releasing hormone (GnRH) stimulation test. (You may have also heard this test called an LRF or LHRH test.) During the test, a synthetic form of this naturally occurring hormone will be given to you. Blood samples will then be collected to measure how your pituitary gland is working.

Preparation: Usually, there is no preparation for this test.

Procedure: Before the test, a heparin lock will be inserted into a vein in your arm or hand. The heparin lock allows blood samples to be taken without repeated needle sticks. GnRH will also be given through the heparin lock.

After GnRH is given, it will stimulate your pituitary gland to secrete two hormones: luteinizing hormone (LH) and follicle stimulating hormone (FSH). At intervals during the test, blood samples will be taken to measure these hormones.

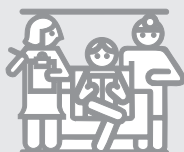
Patients usually feel no side effects or sensations from the test.

The test usually lasts 90 minutes.

After the Procedure: After the last blood sample is taken and if no other blood tests are needed, the heparin lock may be removed. You may then resume your usual activities.

If you have questions about the test, please ask. Your nurse and doctor are ready to assist you at all times.

Special Instructions:



1999

This information is prepared specifically for patients participating in clinical research at the Warren Grant Magnuson Clinical Center at the National Institutes of Health and is not necessarily applicable to individuals who are patients elsewhere. If you have questions about the information presented here, talk to a member of your healthcare team.

Questions about the Clinical Center? OCCC@cc.nih.gov

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